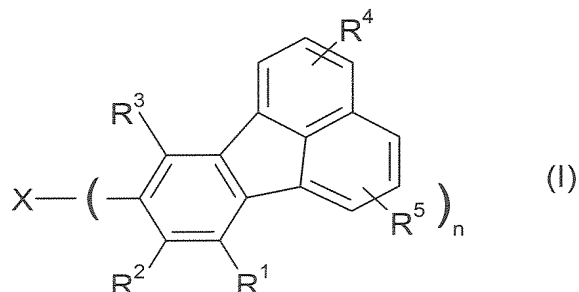


# IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A fluoranthene derivative of the general formula I

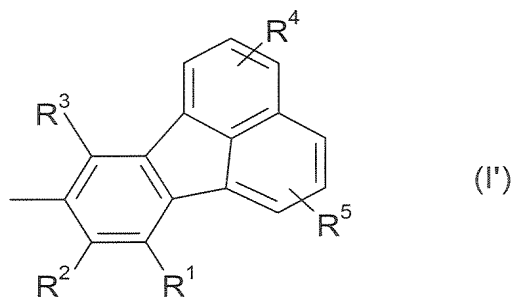


~~where the symbols have the following meanings:~~

wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  are each independently hydrogen, alkyl, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical, ~~[[or]]~~  $-\text{CH}=\text{CH}_2$ , (E)- or (Z)- $\text{CH}=\text{CH}-\text{C}_6\text{H}_5$ , acryloyl, methacryloyl, methylstyryl,  $-\text{O}-\text{CH}=\text{CH}_2$  or glycidyl;

~~where~~ wherein at least one of the radicals  $R^1$ ,  $R^2$  and/or  $R^3$  is not hydrogen;

X is an alkyl radical, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical or a radical of the formula (I')



or an oligophenyl group;

n is ~~[[from]]~~ 2 or 3 or, ~~in the case of X = oligophenyl group~~ where X is an oligophenyl group, 1-20 from 1 to 20;

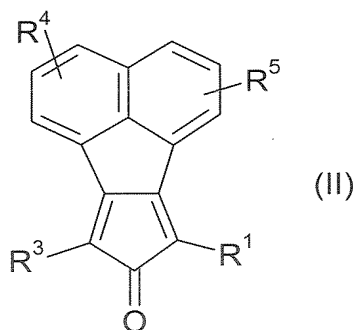
with the proviso that  $R^1$ ,  $R^2$ ,  $R^3$  and X are not at the same time phenyl when  $R^4$  and  $R^5$  are hydrogen.

Claim 2 (Currently Amended): ~~[[A]]~~ The fluoranthene derivative according to claim 1, wherein R<sup>4</sup> and R<sup>5</sup> are each hydrogen.

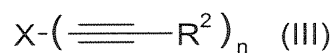
Claim 3 (Currently Amended): ~~[[A]]~~ The fluoranthene derivative according to claim 1 ~~or 2~~, wherein R<sup>1</sup> and R<sup>3</sup> are each a phenyl radical.

Claim 4 (Currently Amended): ~~[[A]]~~ The fluoranthene derivative according to ~~any of~~ claims 1 to 3 claim 1, wherein X is an aromatic radical, a fused aromatic ring system, ~~[[or]]~~ a radical of the formula I' or an oligophenyl group.

Claim 5 (Currently Amended): A process for preparing fluoranthene derivatives according to ~~any of claims 1 to 4 by reaction of~~ claim 1 comprising reacting a compound of ~~[[the]]~~ formula II



with an alkynyl compound of ~~[[the]]~~ formula (III)

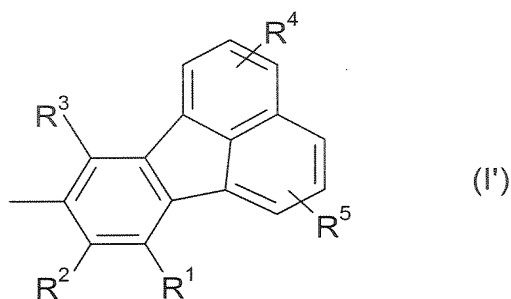


and ~~subsequent elimination of~~ subsequently eliminating carbon monoxide,  
~~where the symbols have the following meanings:~~

wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  are each independently hydrogen, alkyl, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical, [[or]]  $-\text{CH}=\text{CH}_2$ , (E)- or (Z)- $\text{CH}=\text{CH}-\text{C}_6\text{H}_5$ , acryloyl, methacryloyl, methylstyryl,  $-\text{O}-\text{CH}=\text{CH}_2$  or glycidyl;

~~where~~ wherein at least one of the radicals  $R^1$ ,  $R^2$  and/or  $R^3$  is not hydrogen;

X is an alkyl radical, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical, [[or]] a radical of the formula (I')

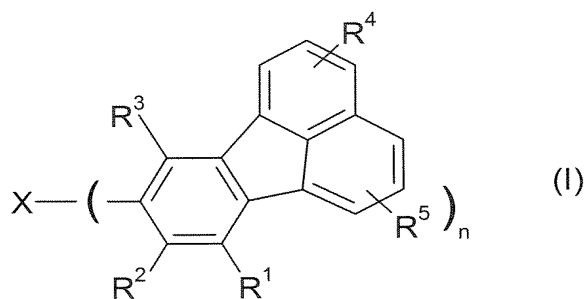


or an oligophenyl group;

n is [[from]] 2 or 3 or, ~~in the case of X = oligophenyl group~~ where X is an oligophenyl group, from 1 to 20.

Claim 6 (Currently Amended): [[A]] The process according to claim 5, wherein the compound of the formula (II) is acecyclone.

Claim 7 (Currently Amended): ~~The use of~~ An organic light-emitting diode comprising as emitter molecules fluorene derivatives of the general formula (I)

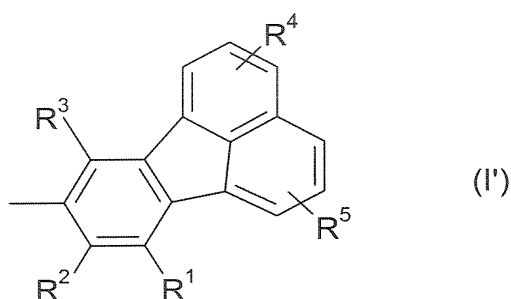


~~where the symbols have the following meanings:~~

wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  are each independently hydrogen, alkyl, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical, ~~[[or]]~~  $-\text{CH}=\text{CH}_2$ , (E)- or (Z)- $\text{CH}=\text{CH}-\text{C}_6\text{H}_5$ , acryloyl, methacryloyl, methylstyryl,  $-\text{O}-\text{CH}=\text{CH}_2$  or glycidyl;

~~where~~ wherein at least one of the radicals  $R^1$ ,  $R^2$  and/or  $R^3$  is not hydrogen;

X is an alkyl radical, an aromatic radical, a fused aromatic ring system, a heteroaromatic radical, ~~[[or]]~~ a radical of the formula (I')



or an oligophenyl group;

n is ~~[[from]]~~ 2 or 3 or, ~~in the case of X = oligophenyl group~~ where X is an oligophenyl group, from 1 to 20;

~~or of fluoranthene derivatives according to any of claims 1 to 5 as emitter molecule in organic light-emitting diodes (OLEDs).~~

Claim 8 (Currently Amended): A light-emitting layer comprising one or more ~~fluoranthene~~ fluoranthene derivatives of the general formula (I) according to ~~any of claims 1 to 4~~ or as set forth in claim 7 as emitter molecules claim 1.

Claim 9 (Currently Amended): An ~~OLED~~ organic light-emitting diode comprising a light-emitting layer according to claim 8.

Claim 10 (Currently Amended): A device selected from the group consisting of stationary Visual Display Units ~~VDUs such as VDUs of computers, televisions, VDUs in printers, kitchen appliances and advertising signs, lighting, information signs and mobile~~ Visual Display Units ~~VDUs such as VDUs in mobile telephones, laptops, vehicles and destination displays on buses and trains~~ comprising an ~~OLED~~ organic light-emitting diode according to claim 9.

Claim 11 (New): An organic light-emitting diode comprising a fluoranthene derivative according to claim 1 as an emitter molecule.

Claim 12 (New): A light-emitting layer comprising one or more fluoranthene derivatives of the general formula (I) as set forth in claim 7 as emitter molecules.

Claim 13 (New): An organic light-emitting diode comprising a light-emitting layer according to claim 12.

Claim 14 (New): A device selected from the group consisting of stationary Visual Display Units and mobile Visual Display Units comprising an organic light-emitting diode according to claim 13.

Claim 15 (New): The device according to claim 10, wherein the stationary Visual Display Units are selected from the group consisting of Visual Display Units of computers, televisions, printers, kitchen appliances, advertising signs, lighting, and information signs.

Claim 16 (New): The device according to claim 10, wherein the mobile Visual Display Units are selected from the group consisting of Visual Display Units in mobile telephones, laptops, vehicles, and destination displays on buses and trains.

Claim 17 (New): The device according to claim 14, wherein the stationary Visual Display Units are selected from the group consisting of Visual Display Units of computers, televisions, printers, kitchen appliances, advertising signs, lighting, and information signs.

Claim 18 (New): The device according to claim 14, wherein the mobile Visual Display Units are selected from the group consisting of Visual Display Units in mobile telephones, laptops, vehicles, and destination displays on buses and trains.